

ADJUSTABLE COMPENSATION OF A PIEZO DRIVE AMPLIFIER DEPENDING ON MODE AND NUMBER OF ELEMENTS DRIVEN

Abstract of Disclosure

An integrated circuit (42) provides drive signals to a piezo element (48) of a milli-actuator device (20) in a mass data storage device (10). The integrated circuit (42) includes a circuit (61) for selectively operating the integrated circuit (42) in either a voltage or a charge mode of operation. A first amplifier circuit (44) can be compensated for a variable number of piezo elements in the charge mode of operation by adjustable output impedance adjusting elements (124, 126, 138-141) that are switchably connectable into the amplifier circuit (44).

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